# CERCLA OFFSITE DISPOSAL REPORT BEDFORD ANODIZING SITE EMERGENCY AND RAPID RESPONSE SERVICES REGION 5

#### Prepared for:

U.S. Environmental Protection Agency Region 5 77 W. Jackson Boulevard Chicago, IL 60604

> EPA Contract No. EP-S5-08-02 Task Order No. 0130

> > Prepared by:

Environmental Quality Management, Inc. 1800 Carillon Boulevard Cincinnati, OH 45240

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#### 1.0 INTRODUCTION AND OVERVIEW

This report was prepared by Environmental Quality Management, Inc. (EQ), in accordance with Section F.2.2.C of EQ's Emergency and Rapid Response Services Contract No. EP-S5-08-02. The report summarizes all off-site disposal activities for the following task order site:

Superfund Site Name:

Bedford Anodizing Site

State:

Macedonia, OH

CERCLIS Number:

OHD987034584

Section 2.0 is a compilation of site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities.

#### 2.0 CERCLA OFF-SITE DISPOSAL REPORTS

This section contains site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities. A total of ten (10) waste streams were identified as follows for the Bedford Anodizing site:

	Waste Stream No.	Type/Form
1.	Acid Liquids	Acids/Liquid Waste
2.	Base Liquids	Other RCRA-listed Hazardous Wastes (Base)/Liquid Waste
3.	Spill Liquids and Solid	Heavy Metals/Liquid Waste
4.	Oxidizer Lab Pack	Other RCRA-listed Hazardous Wastes (Oxidizer)/Solid or Solidified Waste
5.	Metal Lab Pack	Heavy Metals//Solid or Solidified Waste
6.	Oil Base Paint	Solvents/Liquid Waste
7.	Oil	Non-Hazardous or de-listed Wastes/ Liquid Waste
8.	PCB Ballast	PCBs/Liquid Waste
9.	RCRA Empty Containers	Non-Hazardous or de-listed Wastes/ Solid or Solidified Waste
10.	Solidified Sludge and Soil	Non-Hazardous or de-listed Wastes/ Contaminated Soil and Debris

## Acid Liquids

1.	Superfund Site Name: <u>Bedford Anodizing</u>	
		State: Ohio
2.	Type of Action	
	X Removal	Remedial
	X Fund Financed	Fund Financed
	PRP Financed	PRP Financed
3.	Type and Form of waste; if more than one type, attac	h separate sheet for this and remaining questions for
	each type:	
	Type:	Form:
	Solvents	Wastewater
	Dioxins/Furans	X Liquid Waste
	Cyanide	Organic Sludge (greater than 1%
	Heavy Metals (Specify)	Total Solids)
	11047) 1110433 (570043)	Inorganic Sludge (less than 1% Total
	X Acids	Organic Carbon)
	PCBs	Solid or Solidified Waste
	Halogenated Organics	Contaminated Soil and Debris
	Other RCRA-listed Hazardous Wastes (	
	Other Research Indica Mazardous Wastes (	-
	Non-hazardous or de-listed Wastes	
4.	Quantity of Waste: 23,287	
	Cubic Yards(CY)	Lab Packs
	X Gallons (Gal)	Tons/Lbs
	Drums	
e e	Dance evenese and/an nonnegatative concentration	of the contominants of concern
5.	Range, average, and/or representative concentration of pH <2	
6.	Pre-treatment of waste before transportation:	
0.	Precipitation	Neutralization
	Solidification	Fixation
	Stabilization	Other
	Stabilization	
		X None
7.	Receiving RCRA facility name/location/I.D. No./uni	t(s):
	Vickery Environmental, Inc.	
	Vickery, Ohio	
	0110020272910	

8.	Receiving Region: 5	
9.	Receiving Region Offsite Contact (RROC): Name: Will Damico	Date: <u>10-1-13</u>
10.	Date of Shipment: 10-9-13, 10-11-13, 10-12-13 & 7-31-12. Date of Disposal: 10-9-13, 10-11-13, 10-12-13 & 7-31-14.	
11.	Pre-treatment of waste at site before final treatment or dis  Precipitation Solidification Stabilization	sposal:  Neutralization Fixation Other X None
12.	Final method of treatment or disposal/unit receiving:  Precipitation Incineration Land Treatment Recovery/Re-Use	Neutralization Landfill X Injection Other
13.	If waste was landfilled: - what disposal cell number or location? Not Applicable  - Type of liner in cell (e.g. PVC, Clay, hypalon) Not Applicable	
14.	Cost of Activities: - Cost based on treatment/disposal only: \$6,743.99 - Cost for transportation: \$3,516.25	

## Base Liquids

1.	Superfund Site Name. Bediord Anodizing	
	CERCLIS # <u>OHD987034584</u>	State: Ohio
2.	Type of Action	
	X Removal	Remedial
	X Fund Financed	Fund Financed
	PRP Financed	PRP Financed
3.	Type and Form of waste; if more than one type, attaceach type:	ch separate sheet for this and remaining questions for
	Type:	Form:
	Solvents	Wastewater
	Dioxins/Furans	X Liquid Waste
	Cyanide	Organic Sludge (greater than 1%
	Heavy Metals (Specify)	Total Solids)
	ficary inicials (opecity)	Inorganic Sludge (less than 1% Total
	Acids	Organic Carbon)
	PCBs	Solid or Solidified Waste
	Halogenated Organics	Contaminated Soil and Debris
	X Other RCRA-listed Hazardous Wastes (	
	Base	Specify
	Non-hazardous or de-listed Wastes	
	INOH-Hazardous of de-fisied wastes	
4.	Quantity of Waste: 7,488	
	Cubic Yards(CY)	Lab Packs
	X Gallons (Gal)	Tons/Lbs
	Drums	
5.	Range, average, and/or representative concentration pH >12.5	of the contaminants of concern
6.	Pre-treatment of waste before transportation:	
	Precipitation	Neutralization
	Solidification	Fixation
	Stabilization	Other
		X None
7.	Receiving RCRA facility name/location/I.D. No./un	it(s):
	Vickery Environmental, Inc.	
	Vickery, Ohio	_
	OHD020273819	

8,	Receiving Region: 5	
9.	Receiving Region Offsite Contact (RROC): Name: Will Damico	Date: <u>10-1-13</u>
10.	Date of Shipment: 6-24-14 & 8-14-14 Date of Disposal: 6-25-14 & 8-15-14	·
11.	Pre-treatment of waste at site before final treatment or disp  Precipitation Solidification Stabilization	oosal: Neutralization Fixation OtherX None
12.	Final method of treatment or disposal/unit receiving:  Precipitation Incineration Land Treatment Recovery/Re-Use	Neutralization Landfill X Injection Other
13.	If waste was landfilled: - what disposal cell number or location? Not Applicable  - Type of liner in cell (e.g. PVC, Clay, hypalon) Not Applicable	
14. - Cost	Cost of Activities: - Cost based on treatment/disposal only: \$5,721.45 for transportation: \$2,239.40	

## Base Liquids

1.	CERCLIS # OHD987034584	State: Ohio
2.	Type of Action	
۷.	X Removal	Remedial
	X Fund Financed	Fund Financed
	PRP Financed	PRP Financed
	I KI Thiaireed	TRI Tillanced
3.	Type and Form of waste; if more than one type, atta each type:	ch separate sheet for this and remaining questions for
	Type:	Form:
	Solvents	Wastewater
	Dioxins/Furans	X Liquid Waste
	Cyanide	Organic Sludge (greater than 1%
	Heavy Metals (Specify)	Total Solids)
		Inorganic Sludge (less than 1% Total
	Acids	Organic Carbon)
	PCBs	Solid or Solidified Waste
	Halogenated Organics	Contaminated Soil and Debris
	X Other RCRA-listed Hazardous Wastes	(Specify)
	Base	· •
	Non-hazardous or de-listed Wastes	
4.	Quantity of Waste: 17,349	
••	Cubic Yards(CY)	Lab Packs
	X Gallons (Gal)	Tons/Lbs
	Drums	
5.	Range, average, and/or representative concentration	
	pH >12.5	
6.	Pre-treatment of waste before transportation:	
01	Precipitation	Neutralization
	Solidification	Fixation
	Stabilization	Other
	Submittation	X None
	•	
7.	Receiving RCRA facility name/location/I.D. No./ur	nit(s):
	Envirite of Ohio	_
	Canton, Ohio	
	01115000660000	

8.	Receiving Region: 5	
9.	Receiving Region Offsite Contact (RROC): Name: Will Damico	Date: <u>10-2-13</u>
10.	Date of Shipment: 10-15-13, 10-16-13 & 10-17-13 Date of Disposal: 10-16-13, 10-17-13 & 10-18-13	
11.	Pre-treatment of waste at site before final treatment or Precipitation Solidification Stabilization	disposal:  X Neutralization Fixation Other None
12.	Final method of treatment or disposal/unit receiving:  X Precipitation Incineration Land Treatment Recovery/Re-Use	Neutralization Landfill Injection Other
13.	If waste was landfilled: - what disposal cell number or location? Not Applica - Type of liner in cell (e.g. PVC, Clay, hypalon) Not A	
14.	Cost of Activities: - Cost based on treatment/disposal only: \$15,007.96 - Cost for transportation: \$3,484.27	<u>ppncable</u>

## Spill Liquids and Solid

1.	Superfund Site Name: Bedford Anodizing	
	•	State: Ohio
2.	Type of Action  X Removal X Fund Financed PRP Financed	Remedial Fund Financed PRP Financed
3.	Type and Form of waste; if more than one type, attaceach type:	h separate sheet for this and remaining questions for
	Type:  Solvents Dioxins/Furans Cyanide X Heavy Metals (Specify) Chrome Acids PCBs Halogenated Organics Other RCRA-listed Hazardous Wastes (Specify) Non-hazardous or de-listed Wastes	Form:  Wastewater Liquid Waste Organic Sludge (greater than 1%
4.	Quantity of Waste:7,595  Cubic Yards(CY)  X Gallons (Gal)  Drums	Lab Packs Tons/Lbs
5.	Range, average, and/or representative concentration  Chrome -16 mg/l	of the contaminants of concern
6.	Pre-treatment of waste before transportation:  Precipitation Solidification Stabilization	<ul><li>Neutralization</li><li>Fixation</li><li>Other</li><li>X None</li></ul>
7.	Receiving RCRA facility name/location/I.D. No./uni  Envirite of Ohio  Canton, Ohio OHD980568997	it(s): -

Receiving Region: 5	
Receiving Region Offsite Contact (RROC): Name: Will Damico	Date: <u>10-2-13</u>
Date of Shipment: 12-5-13, 12-6-13, 1-22-14 & 8-1-14 Date of Disposal: 12-6-13, 12-7-13, 1-23-14 & 8-2-14	•
Pre-treatment of waste at site before final treatment or di Precipitation Solidification Stabilization	sposal: Neutralization Fixation Other
Final method of treatment or disposal/unit receiving:  X Precipitation Incineration Land Treatment Recovery/Re-Use	Neutralization Landfill Injection Other
If waste was landfilled: - what disposal cell number or location? Not Applicab	le
- Type of liner in cell (e.g. PVC, Clay, hypalon) Not App	plicable
Cost of Activities: - Cost based on treatment/disposal only: \$8,511.22 - Cost for transportation: \$15,953.11	

## Oxidizer Lab Pack

CERCLIS # OHD987034584 State: Ohio  Type of Action  X Removal X Fund Financed PRP Financed PRP Financed  Type and Form of waste; if more than one type, attach separate sheet for this and remaining each type:  Type:  Solvents Dioxins/Furans Cyanide Heavy Metals (Specify) Acids PCBs Acids PCBs Acids PCBs Acids Cyanics Solid or Solidified Waste Halogenated Organics X Other RCRA-listed Hazardous Wastes (Specify) Oxidizer Non-hazardous or de-listed Wastes  Quantity of Waste: 1 Cubic Yards(CY) Gallons (Gal) Drums  Remedial Fund Financed PRP Financed  Pomber in a Remedial Fund Financed PRP	•
X Removal X Fund Financed PRP Financed PRP Financed PRP Financed  Type and Form of waste; if more than one type, attach separate sheet for this and remaining each type:  Type:  Solvents Dioxins/Furans Cyanide Heavy Metals (Specify) Acids PCBs Halogenated Organics Halogenated Organics Acids Doxidizer Non-hazardous or de-listed Wastes  Quantity of Waste: 1 Cubic Yards(CY) Gallons (Gal)  X Fund Financed Fund Finance Fund Financ	•
PRP Financed PRP Financed  3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining each type:  Type: Form:  Solvents Wastewater Dioxins/Furans Liquid Waste Cyanide Organic Sludge (greater that the standard solids) Inorganic Sludge (less than the standard solids) Inorganic Sludge (less than the standard solid	•
Type:  Type:  Form:  Solvents Dioxins/Furans Cyanide Heavy Metals (Specify) PCBs Halogenated Organics Halogenated Organics Wastewater Dioxins/Furans Cyanide Organic Sludge (greater that Organic Sludge (less than Organic Carbon) Corganic Carbon) Contaminated Soil and Delay Oxidizer Non-hazardous or de-listed Wastes  Quantity of Waste: 1 Cubic Yards(CY) Gallons (Gal)  Type: Form: Form: Wastewater Corganic Sludge (greater that Organic Sludge (less than Organic Sludge (less than Organic Carbon)) Corganic Carbon) Corganic Carbon) Corganic Carbon) Acids Contaminated Soil and Delay Oxidizer Non-hazardous or de-listed Wastes  4. Quantity of Waste: 1 Cubic Yards(CY) Gallons (Gal) Tons/Lbs	•
Type:  Solvents Dioxins/Furans Cyanide Heavy Metals (Specify) Acids PCBs Halogenated Organics Halogenated Hazardous Wastes (Specify) Oxidizer Non-hazardous or de-listed Wastes  Quantity of Waste: 1 Cubic Yards(CY) Gallons (Gal)  Form: Wastewater Liquid Waste Corganic Sludge (greater that Total Solids) Inorganic Sludge (less than Organic Carbon) Corganic Carbon) Corganic Carbon) Acids Organic Carbon) Contaminated Soil and Delegation Contaminated Soil and Delegation  X Data Packs Tons/Lbs	•
Solvents Wastewater Dioxins/Furans Liquid Waste Cyanide Organic Sludge (greater that Heavy Metals (Specify) Total Solids) Inorganic Sludge (less than Acids Organic Carbon) PCBs X Solid or Solidified Waste Halogenated Organics Contaminated Soil and Del X Other RCRA-listed Hazardous Wastes (Specify) Oxidizer Non-hazardous or de-listed Wastes  4. Quantity of Waste: 1 Cubic Yards(CY) X Lab Packs Gallons (Gal) Tons/Lbs	ın 1%
Dioxins/FuransLiquid WasteCyanideOrganic Sludge (greater that Heavy Metals (Specify) Total Solids)	ın 1%
Dioxins/FuransLiquid WasteCyanideOrganic Sludge (greater that Heavy Metals (Specify) Total Solids)	ın 1%
Cyanide Organic Sludge (greater that Heavy Metals (Specify) Total Solids) Acids Organic Sludge (less than Acids	an 1%
Heavy Metals (Specify)	170
Acids Organic Sludge (less than Organic Sludge (less than Organic Carbon)  PCBs X Solid or Solidified Waste  Halogenated Organics Contaminated Soil and Del  X Other RCRA-listed Hazardous Wastes (Specify)  Oxidizer  Non-hazardous or de-listed Wastes  4. Quantity of Waste: 1  Cubic Yards(CY) X Lab Packs  Gallons (Gal) Tons/Lbs	
Acids Organic Carbon) PCBs X Solid or Solidified Waste Halogenated Organics Contaminated Soil and Del X Other RCRA-listed Hazardous Wastes (Specify) Oxidizer Non-hazardous or de-listed Wastes  4. Quantity of Waste: 1 Cubic Yards(CY) X Lab Packs Gallons (Gal) Tons/Lbs	1% Total
PCBs X Solid or Solidified Waste Halogenated Organics Contaminated Soil and Del X Other RCRA-listed Hazardous Wastes (Specify) Oxidizer Non-hazardous or de-listed Wastes  4. Quantity of Waste: 1 Cubic Yards(CY) X Lab Packs Gallons (Gal) Tons/Lbs	. 170 Total
Halogenated Organics Contaminated Soil and Del  X Other RCRA-listed Hazardous Wastes (Specify)  Oxidizer Non-hazardous or de-listed Wastes  4. Quantity of Waste: 1 Cubic Yards(CY) Gallons (Gal) X Lab Packs Tons/Lbs	
	•.
OxidizerNon-hazardous or de-listed Wastes  4. Quantity of Waste: 1Cubic Yards(CY)X Lab PacksGallons (Gal)Tons/Lbs	oris
Non-hazardous or de-listed Wastes  4. Quantity of Waste: 1 Cubic Yards(CY) X_ Lab Packs Gallons (Gal) Tons/Lbs	
4. Quantity of Waste: 1  Cubic Yards(CY) Gallons (Gal) Tons/Lbs	
Cubic Yards(CY) X Lab Packs Gallons (Gal) Tons/Lbs	
Cubic Yards(CY) X Lab Packs Gallons (Gal) Tons/Lbs	
Gallons (Gal) Tons/Lbs	
paragraphical Control of the Control	
5. Range, average, and/or representative concentration of the contaminants of concern  Oxidizer 100%	
6. Pre-treatment of waste before transportation:	
Precipitation Neutralization	
Solidification Fixation	
Stabilization Other	
X None	
7. Receiving RCRA facility name/location/I.D. No./unit(s):	
EQ Detroit	
Detroit, Michigan	
MID960991566	

8.	Receiving Region: 5	
9.	Receiving Region Offsite Contact (RROC): Name: Will Damico	Date: <u>6-2-14</u>
10.	Date of Shipment 7-7-14 Date of Disposal: 8-6-14	
11.	Pre-treatment of waste at site before final treatment or d Precipitation Solidification Stabilization	isposal:  Neutralization Fixation Other None
12.	Final method of treatment or disposal/unit receiving:  Precipitation Incineration Land Treatment Recovery/Re-Use	Neutralization Landfill Injection Other
13.	If waste was landfilled: - what disposal cell number or location? Not Applicable  - Type of liner in cell (e.g. PVC, Clay, hypalon) Not Applicable	
14.	Cost of Activities:	
	<ul><li>Cost based on treatment/disposal only: \$112.09</li><li>Cost for transportation: \$115.36</li></ul>	

#### Metal Lab Pack

1.	CERCLIS # OHD987034584	State: Ohio
2.	Type of Action	
۷.	X Removal	Remedial
	X Fund Financed	Fund Financed
	PRP Financed	PRP Financed
	I KI I manced	I KI Financeu
3.	Type and Form of waste; if more than one type, attace each type:	ch separate sheet for this and remaining questions for
	Туре:	Form:
	Solvents	Wastewater
	Dioxins/Furans	Liquid Waste
	Cyanide	Organic Sludge (greater than 1%
	X Heavy Metals (Specify)	Total Solids)
	Mercury_	Inorganic Sludge (less than 1% Total
	Acids	Organic Carbon)
	PCBs	X Solid or Solidified Waste
	Halogenated Organics	Contaminated Soil and Debris
	Other RCRA-listed Hazardous Wastes (	
	Non-hazardous or de-listed Wastes	
лŧ	Overtity of Wester 1	
4.	Quantity of Waste: 1	V. Joh Doolee
	Cubic Yards(CY)	X Lab Packs Tons/Lbs
	Gallons (Gal)	1008/L08
	Drums	
5.	Range, average, and/or representative concentration  Mercuric Chloride 100%	of the contaminants of concern
6.	Pre-treatment of waste before transportation:	
•	Precipitation	Neutralization
	Solidification	Fixation
	Stabilization	Other
	<del></del>	X None
7.	Receiving RCRA facility name/location/I.D. No./un	it(s)·
	EQ Detroit	(b).
	Detroit, Michigan	
	MD00001500	<del>_</del>

on Offsite Contact (RROC):  Vill Damico  Date: 6-2-14  Int 7-7-14 Id: 8-14-14  If waste at site before final treatment or disposal: cipitation idiffication bilization  Treatment or disposal/unit receiving: cipitation  Treatment or disposal/unit receiving: cipitation  Injection  Injection  Covery/Re-Use  Other  Adfilled: cell number or location?  Not Applicable
d: 8-14-14  f waste at site before final treatment or disposal:  cipitation Neutralization  idification Fixation  bilization Other  X None  f treatment or disposal/unit receiving:  cipitation Neutralization  ineration Landfill  ad Treatment Injection  covery/Re-Use Other  adfilled:
cipitation Neutralization idification Fixation Other X None  Streatment or disposal/unit receiving: cipitation Neutralization ineration Landfill Injection covery/Re-Use Other
Treatment or disposal/unit receiving:  cipitation
n cell (e o PVC Clay hynalon) Not Applicable
n cell (e.g. PVC, Clay, hypalon) Not Applicable es:

## Oil Base Paint

1.	Superfund Site Name: Bedford Anodizing			
	-	State: Ohio		
2.	Type of Action  X Removal X Fund Financed PRP Financed	Remedial Fund Financed PRP Financed		
3.	Type and Form of waste; if more than one type, attaceach type:	Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:		
	Type:  X Solvents Dioxins/Furans Cyanide Heavy Metals (Specify)  Acids PCBs Halogenated Organics Other RCRA-listed Hazardous Wastes ( Non-hazardous or de-listed Wastes	Form:  Wastewater Liquid Waste Organic Sludge (greater than 1%		
4.	Quantity of Waste: 1  X Cubic Yards(CY)  Gallons (Gal)  Drums	Lab Packs Tons/Lbs		
5.	Range, average, and/or representative concentration  Flash Point <140°F	of the contaminants of concern		
6.	Pre-treatment of waste before transportation:  Precipitation Solidification Stabilization	<ul><li>Neutralization</li><li>Fixation</li><li>Other</li><li>X None</li></ul>		
7.	Receiving RCRA facility name/location/I.D. No./un  EQ Detroit  Detroit, Michigan  MID960991566			

8.	Receiving Region: 5	
9.	Receiving Region Offsite Contact (RROC): Name: Will Damico	Date: <u>6-2-14</u>
10.	Date of Shipment 7-7-14  Date of Disposal:	
11.	Pre-treatment of waste at site before final treatment or d Precipitation Solidification Stabilization	lisposal: Neutralization Fixation Other None
12.	Final method of treatment or disposal/unit receiving:  Precipitation Incineration Land Treatment X Recovery/Re-Use	Neutralization Landfill Injection Other
13.	- what disposal cell number or location? Not Applicable	
	- Type of liner in cell (e.g. PVC, Clay, hypalon) Not A	Applicable
14.	Cost of Activities: - Cost based on treatment/disposal only: \$752.03 - Cost for transportation: \$115.36	

1.	Superfund Site Name: Bedford Anodizing			
		State: Ohio		
2.	Type of Action			
	X Removal	Remedial		
	X Fund Financed	Fund Financed		
	PRP Financed	PRP Financed		
3.	Type and Form of waste; if more than one type, attaceach type:	Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:		
	Type:	Form:		
	Solvents	Wastewater		
	Dioxins/Furans	X Liquid Waste		
	Cyanide	Organic Sludge (greater than 1%		
	Heavy Metals (Specify)	Total Solids)		
	Heavy Metals (opecity)	Inorganic Sludge (less than 1% Total		
	Acids	Organic Carbon)		
	PCBs	Solid or Solidified Waste		
	<del></del>			
	Halogenated Organics Contaminated Soil and Debris			
	Other RCRA-listed Hazardous Wastes (	Specify)		
	X Non-hazardous or de-listed Wastes	-		
4.	Quantity of Waste: 545			
	Cubic Yards(CY)	Lab Packs		
	X Gallons (Gal)	Tons/Lbs		
	Drums			
5.	Range, average, and/or representative concentration of Oil 95%			
6.	Pre-treatment of waste before transportation:			
	Precipitation	Neutralization		
	Solidification	Fixation		
	Stabilization	Other		
		X None		
7.	Receiving RCRA facility name/location/I.D. No./uni  Vexor Technology  Mading Ohio	t(s):		
	Medina, Ohio	•		
	Not Applicable			

8.	Receiving Region: 5	
9.	Receiving Region Offsite Contact (RROC): Name: Will Damico	Date: <u>6-2-14</u>
10.	Date of Shipment 6-26-14 Date of Disposal: 6-27-14	
11.	Pre-treatment of waste at site before final treatment or di Precipitation Solidification Stabilization	isposal: Neutralization Fixation Other None
12.	Final method of treatment or disposal/unit receiving:  Precipitation Incineration Land Treatment Recovery/Re-Use	Neutralization Landfill Injection Other
13.	If waste was landfilled: - what disposal cell number or location? Subtitle D  - Type of liner in cell (e.g. PVC, Clay, hypalon) 3 foot of compacted clay with a 60 mil HDPE liner	
14.	Cost of Activities: - Cost based on treatment/disposal only: \$257.51 - Cost for transportation: \$997.50	

## PCB Ballast

1.	Superfund Site Name: Bedford Anodizing	ROLLED AND LIGHT AND LIGHT
	CERCLIS # OHD987034584	State: Ohio
2.	Type of Action	
	X Removal	Remedial
	X Fund Financed	Fund Financed
	PRP Financed	PRP Financed
3.	Type and Form of waste; if more than one type, attaceach type:	ch separate sheet for this and remaining questions for
	Type	Form:
	Type: Solvents	Wastewater
	Dioxins/Furans	X Liquid Waste
	Dioxins/Furans Cyanide	Organic Sludge (greater than 1%
	— Cyanide — Heavy Metals (Specify)	Total Solids)
	Fleavy Ivicials (Specify)	Inorganic Sludge (less than 1% Total
	Acids	Organic Carbon)
	X PCBs	Solid or Solidified Waste
	<del></del>	Contaminated Soil and Debris
	Halogenated Organics Other PCP A listed Hazardova Wester	
	Other RCRA-listed Hazardous Wastes (	Specify)
	Non-hazardous or de-listed Wastes	_
4.	Quantity of Waste: 1	
	Cubic Yards(CY)	Lab Packs
	Gallons (Gal)	Tons/Lbs
	X Drums	<del></del>
5.	Range, average, and/or representative concentration	of the contaminants of concern
	PCB >50 mg/kg	
6.	Pre-treatment of waste before transportation:	
	Precipitation	Neutralization
	Solidification	Fixation
	Stabilization	Other
		X None
7.	Receiving RCRA facility name/location/I.D. No./un	it(s):
	Clean Harbors	
	Spring Grove, Ohio	_
	OHD00816629	_

8.	Receiving Region: 5	
9.	Receiving Region Offsite Contact (RROC): Name: Will Damico	Date: <u>6-2-14</u>
10.	Date of Shipment 8-14-14 Date of Disposal: 9-26-14	
11.	Pre-treatment of waste at site before final treatment or definition Solidification Stabilization	isposal: Neutralization Fixation Other X None
12.	Final method of treatment or disposal/unit receiving:  Precipitation Incineration Land Treatment Recovery/Re-Use	Neutralization X Landfill Injection Other
13.	If waste was landfilled: - what disposal cell number or location? TSCA cell 3  - Type of liner in cell (e.g. PVC, Clay, hypalon) 3 foot of compacted clay with 2 80 mil HDPE liners	
14.	Cost of Activities: - Cost based on treatment/disposal only: \$195.35 - Cost for transportation: \$230.00	

# RCRA Empty Containers

1.	Superfund Site Name: Bedford Anodizing		
	CERCLIS # <u>OHD987034584</u>	State: Ohio	
2.	Type of Action		
	X Removal	Remedial	
	X Fund Financed	Fund Financed	
	PRP Financed	PRP Financed	
		114 11111111	
3.	Type and Form of waste; if more than one type, attace each type:	ch separate sheet for this and remaining questions for	
	each type.		
	Type:	Form:	
	Solvents	Wastewater	
	Dioxins/Furans	Liquid Waste	
	Cyanide	Organic Sludge (greater than 1%	
	Heavy Metals (Specify)	Total Solids)	
		Inorganic Sludge (less than 1% Total	
	Acids	Organic Carbon)	
	PCBs	X Solid or Solidified Waste	
	Halogenated Organics	Contaminated Soil and Debris	
	Other RCRA-listed Hazardous Wastes (	Specify)	
		_	
	X Non-hazardous or de-listed Wastes		
4.	Quantity of Waste: 24.52		
	Cubic Yards(CY)	Lab Packs	
	Gallons (Gal)	X Tons	
	Drums		
5.	Range, average, and/or representative concentration of the contaminants of concern		
	RCRA Empty Containers 75%		
		<u> </u>	
6.	Pre-treatment of waste before transportation:		
٠.	Precipitation	Neutralization	
	Solidification	Fixation	
	Stabilization	Other	
		X None	
		THORE	
7.	Receiving RCRA facility name/location/I.D. No./un	it(s):	
	Lorain County Landfill		
	Oberlin, Ohio	_	
	Not Applicable	_	

	Receiving Region: 5	
•	Receiving Region Offsite Contact (RROC): Name: Will Damico	Date: <u>5-20-14</u>
0.	Date of Shipment 5-30-14, 6-6-14, 6-20-14, 7-2-14, 7-8  Date of Disposal: 5-30-14, 6-6-14, 6-20-14, 7-2-14, 7-8	
1.	Pre-treatment of waste at site before final treatment or di Precipitation Solidification Stabilization	Sposal:
2.	Final method of treatment or disposal/unit receiving:  Precipitation Incineration Land Treatment Recovery/Re-Use	Neutralization X Landfill Injection Other
3.	If waste was landfilled: - what disposal cell number or location?	
	- Type of liner in cell (e.g. PVC, Clay, hypalon) 3 foot 60 mil HDPE liner	of compacted clay with a
4.	Cost of Activities: - Cost based on treatment/disposal only: \$707.39 - Cost for transportation: \$2,630.00	

#### Solidified Sludge and Soil

1.	Superfund Site Name: Bedford Anodizing		
	•	State: Ohio	
2.	Type of Action  X Removal X Fund Financed PRP Financed	Remedial Fund Financed PRP Financed	
3.	Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:		
	Type:  Solvents Dioxins/Furans Cyanide Heavy Metals (Specify)  Acids PCBs Halogenated Organics Other RCRA-listed Hazardous Wastes ( X Non-hazardous or de-listed Wastes	Form:  Wastewater  Liquid Waste  Organic Sludge (greater than 1%  Total Solids)  Inorganic Sludge (less than 1% Total  Organic Carbon)  Solid or Solidified Waste  X Contaminated Soil and Debris  (Specify)	
4.	Quantity of Waste: 2146  Cubic Yards(CY)  Gallons (Gal) Drums	Lab Packs _X Tons/Lbs	
5.	Range, average, and/or representative concentration  Non-Hazardous sludge 100%	of the contaminants of concern	
6.	Pre-treatment of waste before transportation:  Precipitation Solidification Stabilization	<ul><li>Neutralization</li><li>Fixation</li><li>Other</li><li>X None</li></ul>	
7.	Receiving RCRA facility name/location/I.D. No./un  Lorain County Landfill Oberlin, Ohio Not Applicable	it(s): - -	

8.	Receiving Region: 5		
9.	Receiving Region Offsite Contact (RROC):		
	Name: Will Damico	Date: <u>5-20-14</u>	
10.		, 6-18-14, 6-26-14, 6-27-14, 7-10-14, 7-15-14, 7-20-14,	
	<u>7-24-14, 7-25-14, 7-28-14, 8-11-14, 8-12-14</u>		
	Date of Disposal: <u>5-29-14</u> , <u>5-30-14</u> , <u>6-11-14</u>	, 6-18-14, 6-26-14, 6-27-14, 7-10-14, 7-15-14, 7-20-14,	
	<u>7-24-14, 7-25-14, 7-28-14, 8-11-14, 8-12-14</u>	<u> </u>	
11.	Pre-treatment of waste at site before final tre	eatment or disposal:	
	Precipitation	Neutralization	
	Solidification	Fixation	
	Stabilization	Other	
		X None	
12.	Final method of treatment or disposal/unit re	eceiving:	
	Precipitation	Neutralization	
	Incineration	X Landfill	
	Land Treatment	Injection	
	Recovery/Re-Use	Other	
13.	If waste was landfilled:		
	- what disposal cell number or location? <u>Cell D-1</u>		
	- Type of liner in cell (e.g. PVC, Clay, hypalon) 3 foot of compacted clay with a 60 mil HDPE liner		
14.	Cost of Activities:		
	- Cost based on treatment/disposal only: \$56	5,885.73_	
	- Cost for transportation: \$44,463.88	<del></del>	